

Southern California Deepwater Ocean Disposal Sites - Possible Next Steps

May 22, 2021 version

1. Document the Operational and Regulatory History of Disposal Site #2

Objective: Identify contaminants of concern (CoCs), wastes and volumes disposed and entities that produced the waste

Actions:

- a) Continue review of operational history of Montrose DDT Plant
- b) Locate and review supporting references and documents for the 1985 LA RWQCB Report
- c) Locate and review LA RWQCB records and documents re: WDR administration 1961-1970
- d) Locate and review local records re: pre 1961 operation and waste disposal

2. Determine the Extent of Drum Disposal and Nature of Contamination – Disposal Site #2

Objective: Determine boundaries of drum disposal. Provide information regarding the contaminants and concentrations present in sediment (and water and biota?)

Actions:

- a) Conduct follow-up survey of Disposal Site #2
- b) Conduct targeted sediment sampling, possibly water and biota as well

3. Evaluate Southern California Bight Environmental Conditions and Trends

Objective: Establish historical baseline concentrations and conduct trend analysis for CoCs in sediment, water, and biota

Actions:

- a) Review available technical reports and studies (including Bight study reports)
- b) Establish an agreed upon list of analytes and biota to compare
- c) Establish an agreed upon comparison method
- d) Establish an agreed upon baseline conditions (concentrations in sediment, water, and targeted biota)
- e) Conduct trend analysis for CoCs in sediment, water, and biota
- f) Evaluate physical and biological processes for CoCs in sediment or drums at Disposal Site # 2 to impact biota

4. If Conditions at Disposal Site #2 are Determined to Threaten Human Health or the Environment, Conduct Technology Screening for Disposal Site #2

Objective: Evaluate potential remediation technologies to address the contamination (screening level evaluation)

Actions: Evaluate and compare the following technologies in terms of effectiveness, implementability, and cost:

- a) Source Removal
 1. Review available waste drum removal options
 2. Review available sediment removal options
- b) Monitored Natural Recovery (MNR): Review available data to determine if MNR is occurring and its future potential
- c) Capping: Review available cap placement technologies
- d) In Situ Treatment: Review available carbon amendment options
- e) Bioremediation: Review available bioremediation technologies